METADATA/DATA FIELDS EXPLANATION

The data have been reviewed for accuracy as much as possible with limited resources. Annual withdrawal reports are reviewed by personnel and by automated programs.

The first ten (10) fields of the XX-Fac.dbf file and the first three (3) fields of the XX-WU.dbf file are facility data and are merely repeated for each pump. Subsequent fields (starting with Source) in both files are specific to each pump at the facility.

Fields in XX-Fac.dbf:

Location Data Fields:

The SWWF database provides only one entry for USGS Quadrangle Map and Congressional Township, Range, and Section per facility. This usually is the location of the first pump registered for facilities with multiple pumps. The additional pumps may be in locations other than that listed in the file.

Facilities without Township, Range, or Section data are located in areas that were not included in the Congressional Land Survey System. However, some facilities in these areas were assigned a pseudo Township, Range, or Section when they were registered. A Congressional Land Survey overlay was projected onto a topographic quadrangle map and the facility was assigned a location based on that overlay.

Because of the limitations described above, it is best to rely on Universal Transverse Mercator (UTM) coordinates (UTMNorth and UTMEast) for pump location. These coordinates are specific for each pump, and are typically approximated based on a location map submitted by the facility at the time the pump was registered. In a few instances the pumps have been field located; therefore, these UTM coordinates are more precise.

Other Data Fields:

CountyNo is the numerical sequence of the county in alphabetical order in Indiana.

RegistrNo is the unique number assigned to the facility when it was registered.

WaterUseCd is based on the facility's primary/major use of the water. An explanation of the codes is on the following page.

LastName is the name of the facility or the owner's last name.

RegstrDate is the date the facility was registered.

Source indicates if the pump is a groundwater well or a surface water intake.

SourceID is the unique designation the facility has assigned to the pump.

PumpGPM is the maximum pumping capacity of the pump in gallons per minute.

DepthFeet and DiameterIn, respectively, are the depth in feet and the casing diameter in inches for wells.

Aquifer is the type of geologic material the well is reported to be finished in. An explanation of the aquifer codes is on the following page.

WellLogID is the reference number of the driller's log in the Water Well Record database that has been determined to pertain to the well. If the field is blank, there was no driller's log on file that could apparently be correlated with the well.

Waterbody indicates the name (if any) and the type of water body the intake pumps water from.

Fields in XX-WU.dbf:

CountyNo, RegistrNo, WtrUseCd, Source, and SourceID are the same as described above.

PumpdUnits indicates that all withdrawal amounts are represented in thousands of gallons (000 gals).

Pumpd2003 is the reported amount of water withdrawn in thousands of gallons by the pump during 2003.

PumpdJan and subsequent fields are the reported amount of water withdrawn in thousands of gallons by the pump during each month of 2003, beginning in January.

WATER USE CATEGORIES AND CODES

IR—AGRICULTURE/IRRIGATION (Crop & golf course irrigation, farm field drainage, agricultural services)

IN—INDUSTRY (Process water, cooling water, mineral extraction (except coal), quarry dewatering, waste assimilation)

PS—PUBLIC SUPPLY (Public water supply, drinking water/sanitary facilities)

EP—ENERGY PRODUCTION (Power generation, cooling water, coal mining, geothermal, oil recovery)

RU—RURAL USE (Livestock, fisheries)

MI—MISCELLANEOUS (Fire protection, amusement parks, construction dewatering, dust control, pollution abatement, hydrostatic testing, recreational field drainage)

AQUIFER CODES

BR—BEDROCK

CL—CLAY

GR—GRAVEL

LS—LIMESTONE

OT—OTHER

RO/RK/XR—ROCK

SG—SAND & GRAVEL

SD—SAND

SS—SANDSTONE

SH—SHALE

UN—UNKNOWN